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1635

Response under 37 CFR 1.116

PTO/SB/21 (02-04)

Expedited procedure

Approved for use through 07/31/2006. OMB 0651-0031

Examining Group 1635

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TRANSMITTAL FORM (to be used for all correspondence after initial filing)	Application Number	09/532,001
	Filing Date	03/21/2000
	First Named Inventor	Thomas J. Goodwin
	Art Unit	1635
	Examiner Name	K. A. Lacourciere
Total Number of Pages in This Submission	Attorney Docket Number	MSC-22859-2-CU

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ENCLOSURES (Check all that apply)		
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<input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53		
SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT		
Firm or Individual name	NASA Johnson Space Center James M. Cate	
Signature	<i>James M. Cate</i>	
Date		

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This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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National
Aeronautics and
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**Response under 37 CFR 1.116
Expedited procedure
Examining Group 1635**

Patent Application

MSC-22859-2-CU
(NASA Case No.)

Letter Transmitting Patent Amendment

THE COMMISSIONER OF PATENTS AND TRADEMARKS
Washington, DC 20231

Sir:

Transmitted herewith is an amendment as identified below:

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James M. Cate
James M. Cate

Serial No.: 09/532,001 Confirmation No.: 7201 Filed: 03/21/2000

Examiner: K. A. Lacourciere Group Art Unit: 1635

Entitled: Production Of Functional Proteins: Balance Of Shear Stress And Gravity

The fee has been calculated as shown below:

CLAIMS AS AMENDED					
FOR (1)	CLAIMS REMAINING AFTER AMENDMENT (2)	HIGHEST NUMBER PREVIOUSLY PAID FOR (3)	PRESENT EXTRA (4)	RATE (5)	ADDITIONAL FEE (6)
TOTAL CLAIMS -----	* 17	** 17	* 0	x \$18.00 =	\$0.00
INDEPENDENT CLAIMS -----	* 5	*** 5	* 0	x \$86.00 =	\$0.00
TOTAL ADDITIONAL FEE FOR THIS AMENDMENT					\$0.00

*If the entry in column (2) is less than the entry in column (3), enter "0" in column (4).

**If the "Highest Number Previously Paid For" IN THIS SPACE is less than 20, enter 20 in this space.

***Minimum number here is 3, even though a lesser number appeared in the application as filed.

☒ No additional fee is required.

☐ Please charge our Deposit Account No. 14-0116 shown as "TOTAL ADDITIONAL FEE," above. The Commissioner is hereby authorized to charge an additional fee which may be required to effect the filing of this application under 37 CFR 1.16, or credit any overpayment to Deposit Account No. 14-0116.

June 18, 2004
(Date)

James M. Cate, 25181
(Attorney of Record) (Reg. No.)

NOTE: This form is to be used when filing an amendment to a patent application.



Response under 37 CFR 1.116
Expedited procedure
Examining Group 1635

MSC 22859-2

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of: Thomas J. Goodwin et al. § Art Unit: 1635
Application No.: 09/532,001 § Examiner: K. A. Lacourciere
Filed: March 21, 2000 § Confirmation# 7201
For: PRODUCTION OF FUNCTIONAL PROTIENS: §
BALANCE OF SHEAR STRESS AND GRAVITY§

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P.O. Box 1450, Alexandria, VA 22313-1450, on the date

6-18-2004
James M. Cate
James M. Cate

AMENDMENT AFTER FINAL ACTION (37 C.F.R. SECTION 1.116)

MS AF
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

INTRODUCTORY COMMENTS

In response to the Office Action dated March 24, 2004, finally rejecting claims 1-3, 5-10, 27, 28, 31-35, and 37, please amend the above-identified U.S. patent application as follows:

Amendments to the Specification begin on page 2 of this paper.

Amendments to the Claims are reflected in the listing of claims which begins on page 3 of this paper.

Remarks/Arguments begin on page 6 of this paper.